

PUGET SOUND AIR POLLUTION CONTROL AGENCY

Routing Record

110 Union St, Suite 500
Seattle, WA 98101-2038

To:

1. RDH	✓
2. VJD	✓
3. CF	
4.	
Copies Made:	

ROUTINE
INSPECTION REPORT

Reg. No.: 15019

AIRS No.:

USEPA SF



1259934

LDW SF 123.56
10/30/98

Facility: LONGVIEW FIBRE CO.
Street Address: 5901 E MARGINAL WY S
City: SEATTLE Zip: 98134
Mailing Address: PO BOX 24867
City: SEATTLE Zip: 98124-0867

Contact Persons: TOM CRAIG
SONNY BIVINS

PLANT MANAGER 762-7170
MAINT GENL FOREMAN ~~762-7170~~

Persons Contacted: Tom Craig Plant Manager 762-7170

SIC No. = 2653 CORRUGATED AND SOLID FIBER BOXES

Last Comment: MINOR SOURCE DESIGNATION LTR 5/11/95

Level of Inspection: 1 ☐ 2 ☒ 3 ☐ 4 ☐

Last Inspection: 08/02/1996 EMG 2 NC 6264.

Date of Inspection: 10/27/98 10:58 AM PSAPCA Reps: E. Gilpin

Inspection Summary: Routine Compliance Inspection. No equipment changes. Recent cyclone plug w/ debris remaining on roof. Good boiler O&M logs. No VE from roof. Need cornstarch baghouse O&M records.

Recommendation: File

Attachments:

Notice of Violation #: Film #:

Report By: /Date: M. Gilpin 10/30/98

Personal Protective Equipment Checklist
As determined by PSAPCA and Inspector
based on conditions at the Source on the
date of the current inspection:
**MUST BE COMPLETED PRIOR TO
INSPECTION**

Safety Equipment	Required	Optional
None		
Hard Hat		
Goggles		
Safety Glasses		
Hearing Protection		
Respirator w/HEPA Filter		
Respirator w/Acid Filter		
Respirator w/Gas Filter		
Respirator w/Organic Filter		
Safety Shoes	X	
Rubber Boots		
Leather Gloves		
Chemical Gloves		
Coveralls		
Tyvek		
Safety Vest		
Other		

Inspector: EMG Engineer:
Date: 08/02/1996

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Inspection Objectives:

compliance w/ Reg. I, II & III

Exterior Observations (Before Inspection): No VE or odors

<u>Inspections:</u>	<u>Level</u>	<u>Action</u>	<u>Comment</u>
08/02/1996 EMG	2		NC 6264.
09/18/1995 EMG	2		CSR RE 5.05(e)[I]. UPDATE CONTACT LIST.
09/16/1993 LCV	2		UPDATE EQUIP LISTING
12/07/1992 EMG	2		UPDATE EQUIPMENT LISTING
12/06/1990 DJG MDS	2		NOV #27364 SEC 5.05(e)

<u>Notices of Construction:</u>	<u>Approved</u>	<u>Inspected</u>	<u>Installed</u>
# 824 CYCLONE ON SHREDDER	9/29/72		10/31/72
# 6264 BOILER @ 25 MMBtu/hr	12/ 5/95	08/02/1996	12/27/95
EMISSION LIMITS; #2 OIL			
NO MORE THAN 0.05%			
SULFUR			

Notices of Construction Special Conditions:

6264 BOILER @ 25 MMBtu/hr

4. Longview Fibre Co. (LFC) is subject to requirements of 40 CFR 60 Subpart Dc and shall notify EPA of the installation.
5. LFC shall operate these boilers using No. 2 oil with no more than 0.05% sulfur. Records shall be maintained for a period of two years and made available to PSAPCA personnel upon request.
6. Within 180 days of startup of the boilers, LFC shall perform a compliance test according to Regulation I, Section 3.07, to demonstrate compliance with the NOx and CO limits in Condition No. 7.
7. The emissions of this boiler shall not exceed any of the following:
 - a. NOx = 0.05, CO = 0.05, SO2 = 0.01, VOC = 0.02 lb/MMBtu one-hour

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average on natural gas.

b. NOx = 0.20, CO = 0.10, SO2 = 0.60, VOC = 0.05 lb/MMBtu one-hour average on No. 2 oil.

c. PM-10 = 0.02 gr/dscf @ 7% O2.

d. Source test methods are EPA Methods 6C for SO2, 7E for NOx, 10A for CO, and 25A for VOC; and PM-10 by PSAPCA procedure in Resolution 540 dated Aug 11, 1993.

8. It shall be unlawful for LFC to cause or allow the emission of any air contaminant from this boiler which exceeds 10% opacity according to EPA Method 9.

Air Contaminant Generating Equipment
Associated Control Equipment

✓ (1) BOILER

CLEAVER BROOKS

Rated: 25 LB/BATCH NAT GAS/DIST OIL NC#: 6264

✓ (2) STORAGE BIN/SILO SYSTEM

NE EXTERIOR CORN STARCH SILO

Rated: 55000 LB

✓ CE(2) BAGHOUSE

ON TOP OF SILO 50 BAGS

✓ (3) PAPER SHREDDER

/BALER

✓ CE(1) CYCLONE

PAPER SHREDDER AND PRESSES

42000 CFM Year Installed: 1972 NC#: 824

Puget Sound Air Pollution Control Agency
110 Union Street, Suite 500, Seattle, WA 98101-2038:

Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019
EPA AFS #:

Air Contaminant Emission Summary

<u>Other Criteria Air Contaminants:</u>	<u>tons/1992</u>	<u>tons/1993</u>	<u>tons/1994</u>	<u>tons/1995</u>
Carbon Monoxide (CO)	_____	_____	1	_____
Nitrogen Oxides (NO2)	_____	_____	3	_____
Sulfur Oxides (SO2)	_____	_____	0	_____

Emission Point/Segment Summary

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 01 NATURAL GAS BOILERS - 14.7 MMBUT/HR

Segment 02 DIESEL OIL

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Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019
EPA AFS #:

Emission Points/Segments:

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 01 NATURAL GAS BOILERS - 14.7 MMBUT/HR

Source Classification Code: 1-02-006-02 Industrial Boilers - 10-100 Mmbtu/Hr - Natural Gas

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1992	_____	1000 therm
1993	_____	1000 therm
1994	3,000	1000 therm
1995	_____	1000 therm

<u>CAS #</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1992</u>	<u>pounds/1993</u>	<u>pounds/1994</u>	<u>pounds/1995</u>	<u>Method</u>
630-08-0		Carbon Monoxide (CO)	_____	_____	1,050	_____	4
10102-44-0		Nitrogen Oxides (NO2)	_____	_____	4,200	_____	4
_____	_____	_____	_____	_____	_____	_____	_____

CAS#: _____ **Chemical Abstract Services Number**

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

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Emission Statement

LONGVIEW FIBRE CO.

Registration: 15019
EPA AFS #:

Emission Points/Segments:

Point 001 EXTERNAL COMBUSTION BOILERS

Segment 02 DIESEL OIL

Source Classification Code: 1-02-005-01 Industrial Boiler - Distillate Oil Grades 1&2

<u>Year</u>	<u>Process Quantity</u>	<u>Units</u>
1992	_____	1000 gal
1993	_____	1000 gal
1994	52.5	1000 gal
1995	_____	1000 gal

<u>CAS #</u>	<u>Flags</u>	<u>Air Contaminants:</u>	<u>pounds/1992</u>	<u>pounds/1993</u>	<u>pounds/1994</u>	<u>pounds/1995</u>	<u>Method</u>
630-08-0		Carbon Monoxide (CO)	_____	_____	500	_____	4
10102-44-0		Nitrogen Oxides (NO2)	_____	_____	1,000	_____	4
7446-09-5		Sulfur Oxides (SO2)	_____	_____	400	_____	4
_____	_____	_____	_____	_____	_____	_____	_____

CAS#: _____ **Chemical Abstract Services Number** _____

Method Code: 1 Emission Test 2 Material Balance 3 EPA Emission Factor 4 Engineering Judgment

Longview Fibre Co. R# 15019
5901 E. Marginal Way So.
Seattle, WA. 98134

10/27/98 10:58am

I arrived on site and contacted Tom Craig. A pre-inspection meeting was held in Mr. Craig's office. Mr. Craig informed me that Mr. Bivens was no longer with the company. He said the maintenance foreman position will be filled in a month or two. We discussed the operations at the facility. Mr. Craig said the boiler operates on natural gas only. The last time the boiler ran on diesel oil was three years ago. Mr. Craig said the boiler provides steam to heat the glue which is used in making the corrugated cardboard. . The annual water side/fire side inspection of the boiler required by the insurance Co. and the City of Seattle, was conducted in October of this year. Mr. Craig said the cyclone, which controls the paper from the trimmings etc., had a large plug in it recently. The workers removed the plug and were able to contain the large pieces of paper that resulted from the plug.

I inspected the facility with Mr. Craig. I inspected the fire tube boiler. The stack temp. was 380 degrees F. I noted the steam pressure, low water cut off, blow down, etc. were being monitored on a daily basis. I reviewed the water chemistry log sheet. The source monitors chlorides, sulfites, and sodium hydroxide daily. I inspected the roof with Mr. Craig. I saw no visible emissions from the cyclone. The shredder in the main building delivers paper to the cyclone. The paper travels through the ducts by a compressed air stream. From the cyclone, the paper drops down to the main floor where it is wrapped in bales and delivered to a recycling company. I observed a pile of large paper debris under the cyclone. Mr. Craig said he will have the maintenance crew clean up the remaining debris on the roof.

I observed the corn starch silo and baghouse. Mr. Craig said the baghouse operates only when corn starch is being emptied out of the silo.

I requested to review the baghouse O&M records. Mr. Craig said he would try to locate the records and fax them to the Agency.

P. Hilp 10/30/98